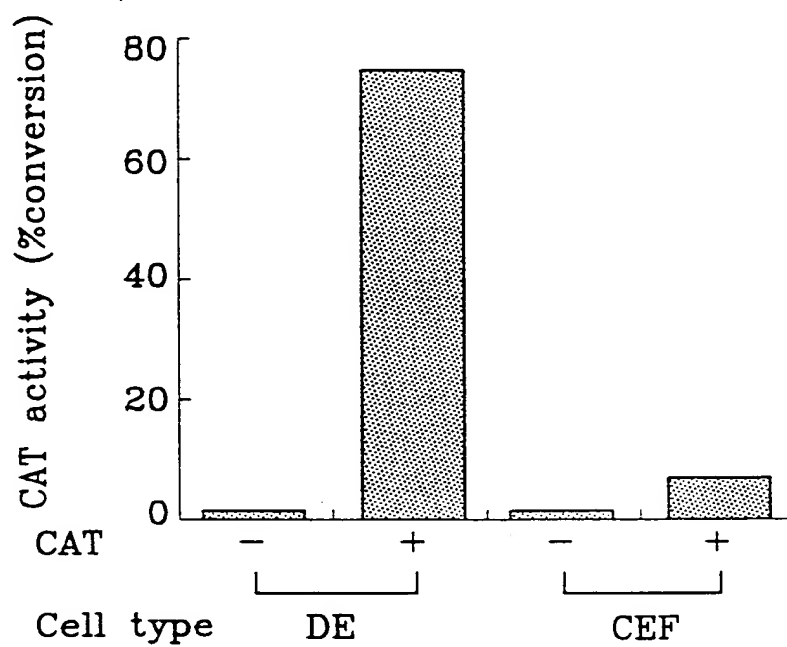


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FIG. 1



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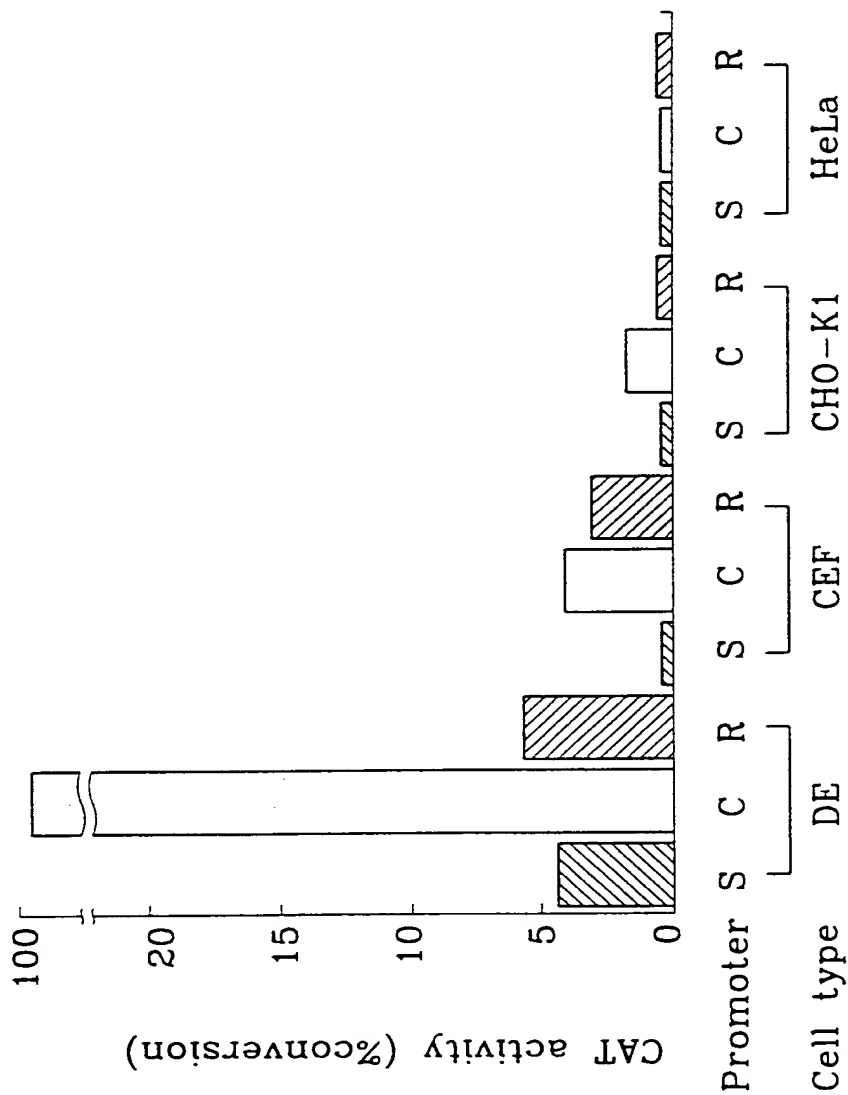
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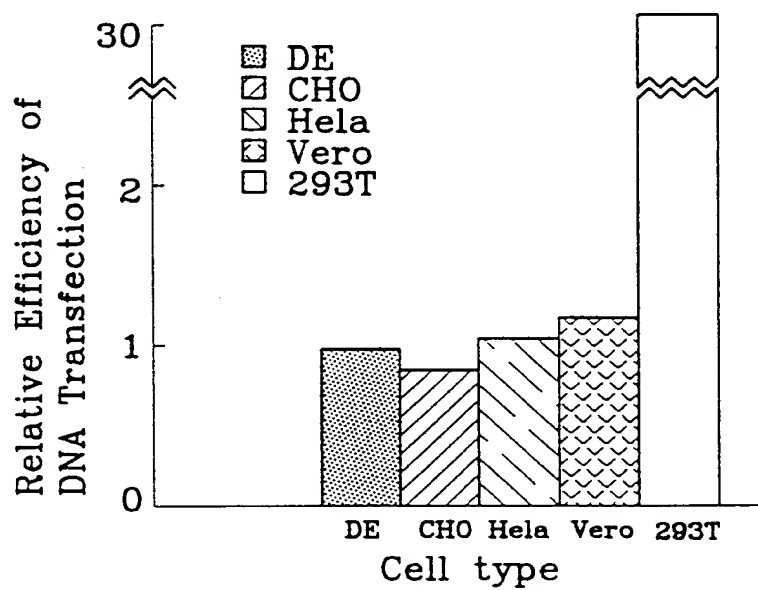
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FIG.2



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FIG.3



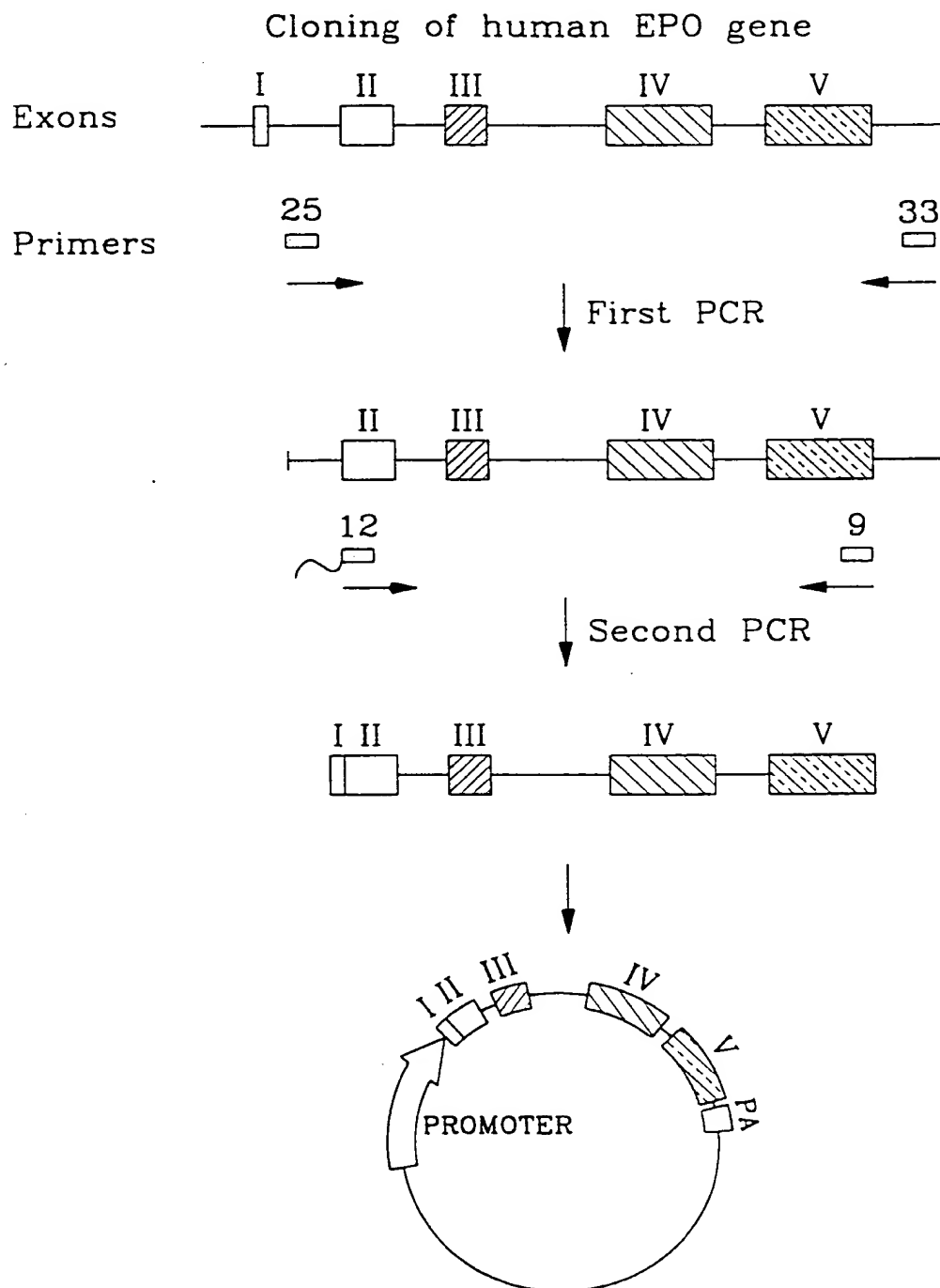
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FIG.4



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FIG.5A

AM	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
GI	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
SY	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
JM	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
SH	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
HE	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50

AM	GTCGCTCCCTCTGGGCCTCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
GI	GTCGCTCCCTCTGGGCCTCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
SY	GTCGCTCCCTCTGGGCCTCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
JM	GTCGCTCCCTCTGGGCCTCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
SH	GTCGCTCCCTCTGGGCCTCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
HE	GTCGCTCCCTCTGGGCCTCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100

AM	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
GI	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
SY	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
JM	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
SH	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
HE	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150

AM	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
GI	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
SY	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
JM	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
SH	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
HE	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200

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FIG.5B

AM	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGTTT	248
GI	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGTTT	248
SY	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGTTT	248
JM	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGTTT	248
SH	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGTTT	248
HE	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGTTT	250

AM	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
GI	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
SY	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
JM	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
SH	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
HE	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	300

AM	GGTGGCCCCAAACCATACCTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348
GI	GGTGGCCCCAAACCATACCTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348
SY	GGTGGCCCCAAACCATACCTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348
JM	GGTGGCCCCAAACCATACCTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348
SH	GGTGGCCCCAAACCATACCTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	348
HE	GGTGGCCCCAAACCATACCTGGAAACTAGGCAAGGAGCAAAGCCAGCAGA	350

AM	TCCTACGGCCTGTGGGCCAGGGCCAG-AGCCTTCAGGGACCCTTGACTCC	397
GI	TCCTAC-GCCTGTGG-CCAGGGCCAG-AGCCTTCAGGGACCCTTGACTCC	395
SY	TCCTACGGCCTGTGGGCCAGGGCCAA-AGCCTTCAGGGACCCTTGACTCC	397
JM	TCCTACGGCCTGTGGGCCAGGGCCAGGAGCCTTCAGGGACCCTTGACTCC	398
SH	TCCTACGGCCTGTGGGCCAGGGCCA-GAGCCTTCAGGGACCCTTGACTCC	397
HE	TCCTACGGCCTGTGGGCCAGGGCCA-GAGCCTTCAGGGACCCTTGACTCC	399

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FIG.5C

AM CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT 447
GI CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT 445
SY CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT 447
JM CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT 448
SH CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT 447
HE CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT 449

AM GAGAATATCACTGTCCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG 497
GI GAGAATATCACTGTCCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG 495
SY GAGAATATCACTGTCCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG 497
JM GAGAATATCACTGTCCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG 498
SH GAGAATATCACTGTCCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG 497
HE GAGAATATCACTGTCCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG 499
** *****

AM GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTGGAGAATCT 547
GI GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTGGAGAATCT 545
SY GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTGGAGAATCT 547
JM GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTGGAGAATCT 548
SH GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTGGAGAATCT 545
HE GATGGAGGTGAGTTCCTTTTTTTTTTTTTTTCCTTTCTTTGGAGAATCT 549

AM CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT 597
GI CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT 595
SY CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT 597
JM CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAGATGATCGAGGGAAAGGT 598
SH CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT 595
HE CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT 599

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FIG.5D

AM	AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	647
GI	AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	645
SY	AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	647
JM	AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	648
SH	AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	645
HE	AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA	649

AM	TAATCCCAGGCTGAGATTGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG	697
GI	TAATCCCAGGCTGAGATTGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG	695
SY	TAATCCCAGGCTGAGATTGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG	697
JM	TAATCCCAGGCTGAGATTGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG	698
SH	TAATCCCAGGCTGAGATTGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG	695
HE	TAATCCCAGGCTGAGATTGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG	699

AM	G TTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	747
GI	G TTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	747
SY	G TTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	747
JM	G TTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	748
SH	G TTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	745
HE	G TTCAGACCAACCTAGGCAGCATAGTGAGATCCCCCATCTCTACAAACAT	749

AM	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT	797
GI	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT	795
SY	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT	797
JM	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT	798
SH	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT	795
HE	TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT	799

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FIG.5E

AM	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCA	847
GI	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCA	845
SY	TGGATGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCA	847
JM	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCG	848
SH	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGGGCTGCA	845
HE	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCA	849

AM	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	897
GI	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	895
SY	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	897
JM	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	898
SH	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	895
HE	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	899

AM	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	947
GI	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	945
SY	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	947
JM	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	948
SH	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	945
HE	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	949

AM	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTATT	997
GI	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTATT	995
SY	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTATT	997
JM	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTATT	998
SH	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTATT	995
HE	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTATT	999

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FIG.5F

AM CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1047
GI CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1045
SY CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTCG 1047
JM CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1048
SH CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1045
HE CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1049

AM GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1097
GI GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATCCCTCAGCTGACTCCC 1095
SY GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1097
JM GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1098
SH GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1095
HE GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1099
**

AM AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1147
GI AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1145
SY AGAGTCCACTCCCTGTAGGTGCGGGCAACAGGCCGTAGAAGTCTGGCAGGG 1147
JM AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1148
SH AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1145
HE AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1149

AM CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1197
GI CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1195
SY CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1197
JM CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1198
SH CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1195
HE CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1199

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FIG.5G

AM ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC 1247
GI ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC 1245
SY ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC 1247
JM ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC 1248
SH ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC 1245
HE ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC 1249

AM AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT 1297
GI AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT 1295
SY AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT 1297
JM AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT 1298
SH AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT 1295
HE AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT 1299

AM GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG 1347
GI GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG 1345
SY GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG 1347
JM GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG 1348
SH GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG 1345
HE GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG 1349

AM GTCTTGCTAAGGAGTACAGGAACCTGTCCGTATTCTTCCCTTTCTGTGGC 1397
GI GTCTTGCTAAGGAGTACAGGAACCTGTCCGTATTCTTCCCTTTCTGTGGC 1395
SY GTCTTGCTAAGGAGTACAGGAACCTGTCCGTATTCTTCCCTTTCTGTGGC 1397
JM GTCTTGCTAAGGAGTACAGGAACCTGTCCGTATTCTTCCCTTTCTGTGGC 1398
SH GTCTTGCTAAGGAGTACAGGAACCTGTCCGTATTCTTCCCTTTCTGTGGC 1395
HE GTCTTGCTAAGGAGTACAGGAACCTGTCCGTATTCTTCCCTTTCTGTGGC 1399

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FIG.5H

AM	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1447
GI	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1445
SY	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1447
JM	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1448
SH	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1445
HE	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1449

AM	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1497
GI	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1495
SY	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1497
JM	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1498
SH	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1495
HE	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1499

AM	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1547
GI	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1545
SY	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1547
JM	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1548
SH	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1545
HE	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1549

AM	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1584
GI	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1582
SY	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1585
JM	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1585
SH	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1583
HE	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1586

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FIG.6

AM/GI	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
SY	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
JM	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
SH	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
HE	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50

AM/GI	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSEA	100
SY	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSEA	100
JM	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSEA	100
SH	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSEA	100
HE	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSEA	100

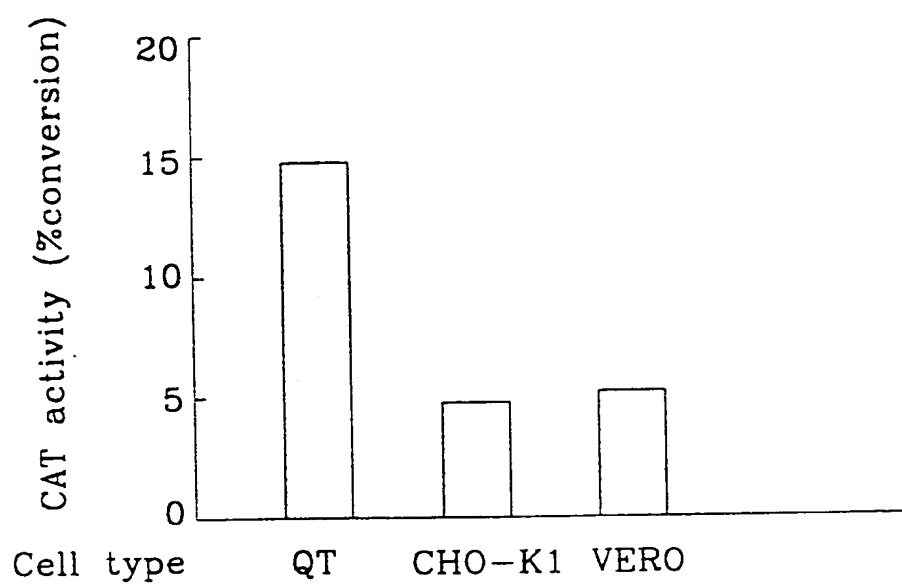
AM/GI	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150
SY	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150
JM	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150
SH	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150
HE	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPD	150

AM/GI	AASAAPLRTITADTFRKLFRVVSNFLRGKLLKLYTGEACRTGDR	193
SY	AASAAPLRTITADTFRKLFRVVSNFLRGKLLKLYTGEACRTGDR	193
JM	AASAAPLRTITADTFRKLFRVVSNFLRGKLLKLYTGEACRTGDR	193
SH	AASAAPLRTITADTFRKLFRVVSNFLRGKLLKLYTGEACRTGDR	193
HE	AASAAPLRTITADTFRKLFRVVSNFLRGKLLKLYTGEACRTGDR	193

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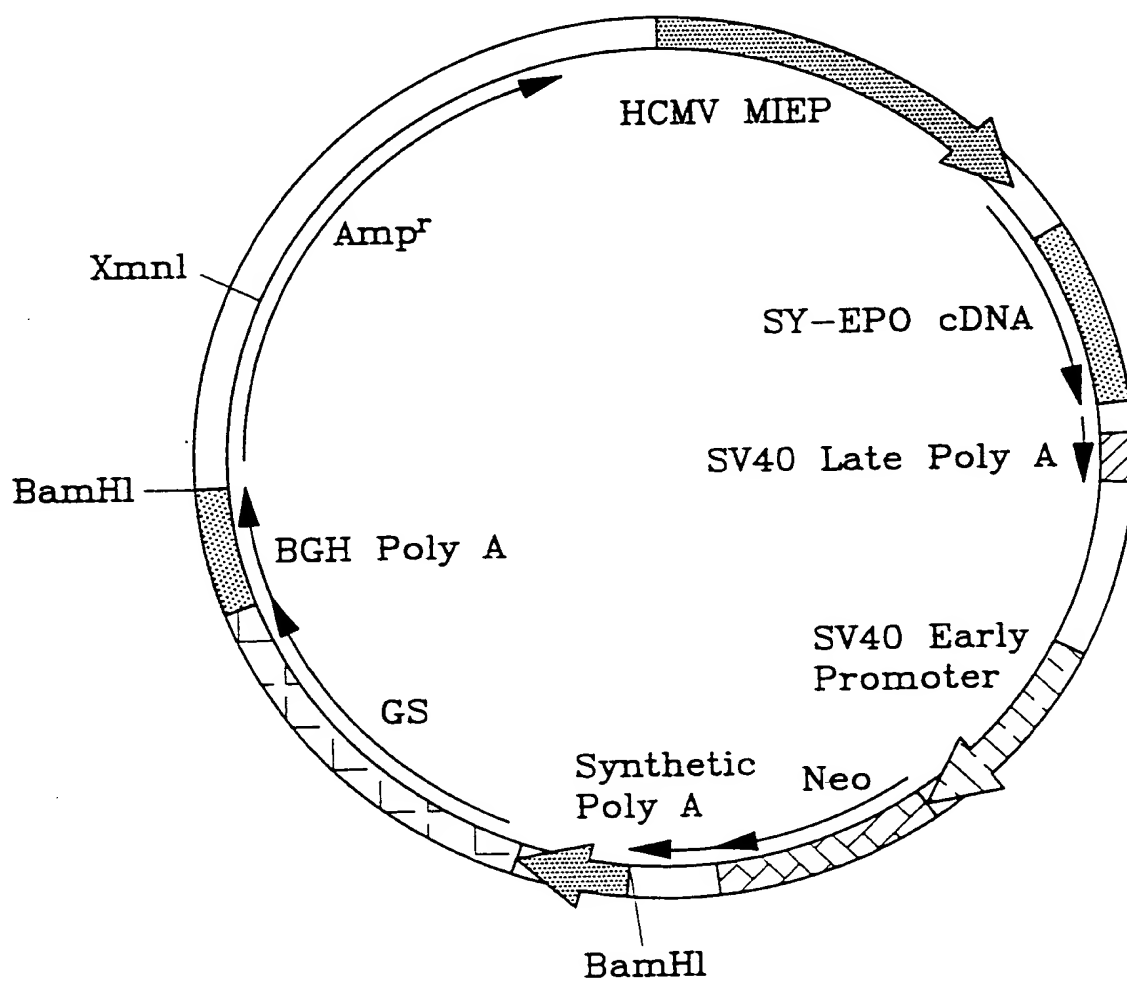
FIG.7



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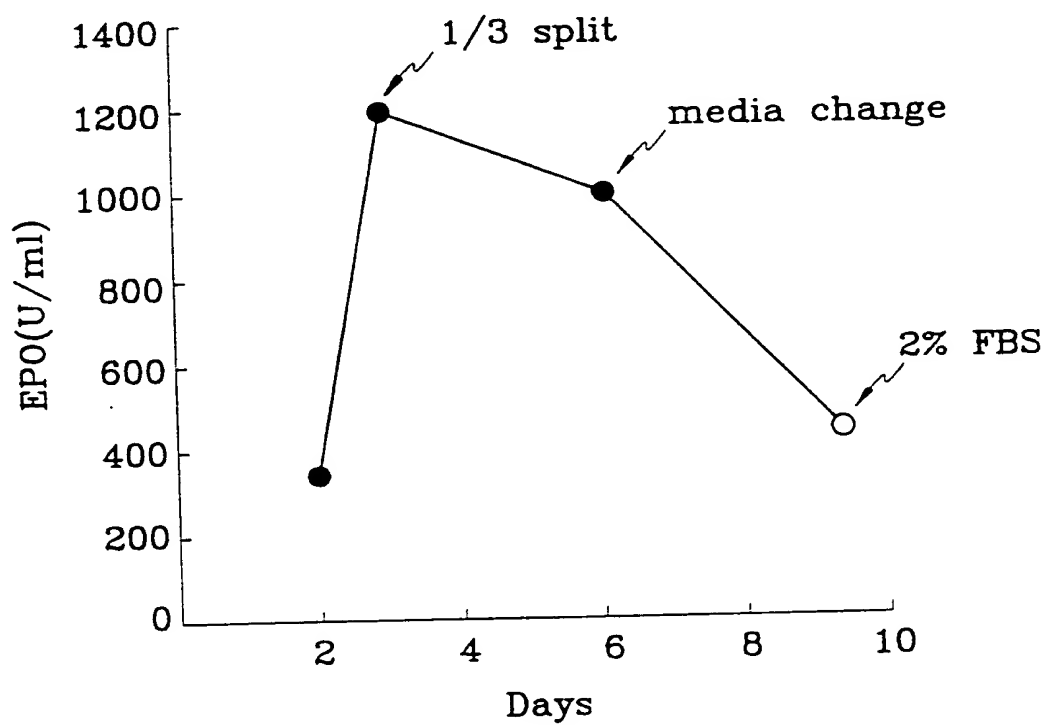
FIG.8



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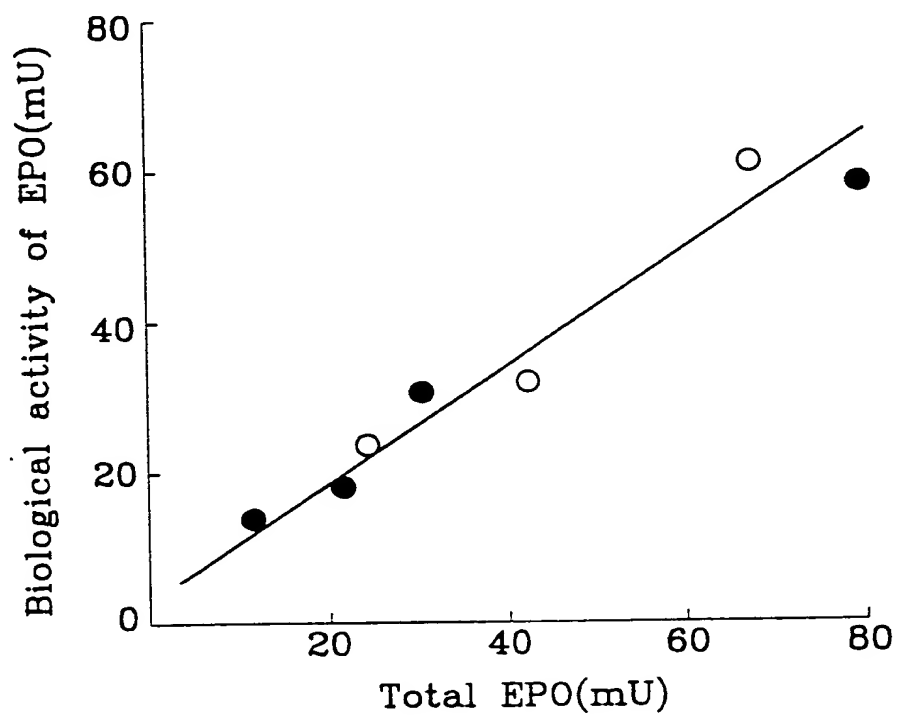
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FIG. 9



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FIG.10



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